

AMENDMENTS TO THE CLAIMS

Claims 11, 12, 15, 21 and 22 are pending. Claims 11 and 12 are being amended. New claims 23-25 are being added. After the amendments, claims 11, 12, 15, and 21-25 will be pending.

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

- 1.-10. (Canceled)
11. (Currently amended) A binding compound comprising an antigen binding site from an antibody which specifically binds to the polypeptide of residues ~~1-30 or~~ 286-470 of SEQ ID NO:2.
12. (Currently amended) The binding compound of Claim 11, wherein:
 - (a) the antigen binding site is:
 - (1) specifically immunoreactive with the polypeptide of residues ~~1-30 or~~ 286-470 of SEQ ID NO:2;
 - (2) raised against a purified or recombinantly produced human DC-STAMP; or
 - (3) from a monoclonal antibody, Fab, or F(ab)₂; or
 - (b) the binding compound is:
 - (1) an antibody molecule;
 - (2) a polyclonal antiserum;
 - (3) detectably labeled;
 - (4) sterile; or
 - (5) in a buffered composition.

13.-14. (Canceled)

15. (Previously presented) A detection kit comprising:

- (a) the detectably labeled binding compound of Claim 12;
- (b) instructions for use; and
- (c) a compartment for reagents.

16.-20. (Canceled)

21. (Previously presented) The binding compound of Claim 11 wherein the antibody specifically binds to the polypeptide of residues 399-470 of SEQ ID NO:2.

22. (Previously presented) The binding compound of Claim 11 wherein the polypeptide is glycosylated.

23. (New) The binding compound of Claim 11 wherein the antibody specifically binds to the polypeptide of residues 295-313 of SEQ ID NO:2.

24. (New) The binding compound of Claim 11 wherein the antibody specifically binds to the polypeptide of residues 314-378 of SEQ ID NO:2.

25. (New) The binding compound of Claim 11 wherein the antibody specifically binds to the polypeptide of residues 379-398 of SEQ ID NO:2.